

ABSTRACT OF THE DISCLOSURE

A programmable photo-coupler-isolated wide band modulator for high voltage power supply is disclosed, which utilizes a high voltage module to step up the input voltage and utilizes a wide band modulator connected with
5 the high voltage module to modulate the high voltage output from the high voltage module for outputting a wide band high voltage, wherein the wide band modulator receives a modulator signal generated by a computer for modulating.